

FILE NOTATIONS

Entered in NID File ☒
 Entered On S R Sheet _____
 Location Map Pinned _____
 Card Indexed ☒
 IWR for State or Fee Land _____

Checked by Chief _____
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed _____
 OW _____ WW _____ TA _____
 GW _____ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ MI-L _____ Sonic _____ Others _____

6-15-92
 for

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

907 Rancho Road, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1,257' FNL, 1,374' FWL, Lot 3 (NE NW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Not Applicable

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) Not Applicable

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

Not Applicable

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,655' Ungraded ground

16. NO. OF ACRES IN LEASE

161.03

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

19. PROPOSED DEPTH

7,520'

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

September 15, 1980

5. LEASE DESIGNATION AND SERIAL NO.

1420-H62-3001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AL-3001

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco-Ignacio et al 2

9. WELL NO.

5

10. FIELD AND POOL, OR WILDCAT

Ogury - Wasatch

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Section 8, T9S, R20E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|--------------------|
| 17 1/2" | 13 3/8" | 54.5# | 60' | 85 sacks |
| 12 1/4" | 9 5/8" | 36# | 500' | 245 sacks |
| 7 7/8" | 5 1/2" | 17# | T.D. | 1145 sacks |

It is proposed to drill Conoco Ignacio et al 2 No. 5 as a Wasatch gas producer. There are no cores planned. A DST of the Green River is anticipated. All appropriate logs will be run. A BOP will be used and tested daily.

A completion rig will be used for completion operations and all conditions of this plan will be applicable during those operations.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

7/29/80

C.B. Feigher

RECEIVED
JUL 26 1980DIVISION OF
OIL, GAS, AND MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

T.C. Thompson

TITLE

Administrative Supervisor

DATE

July 23, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

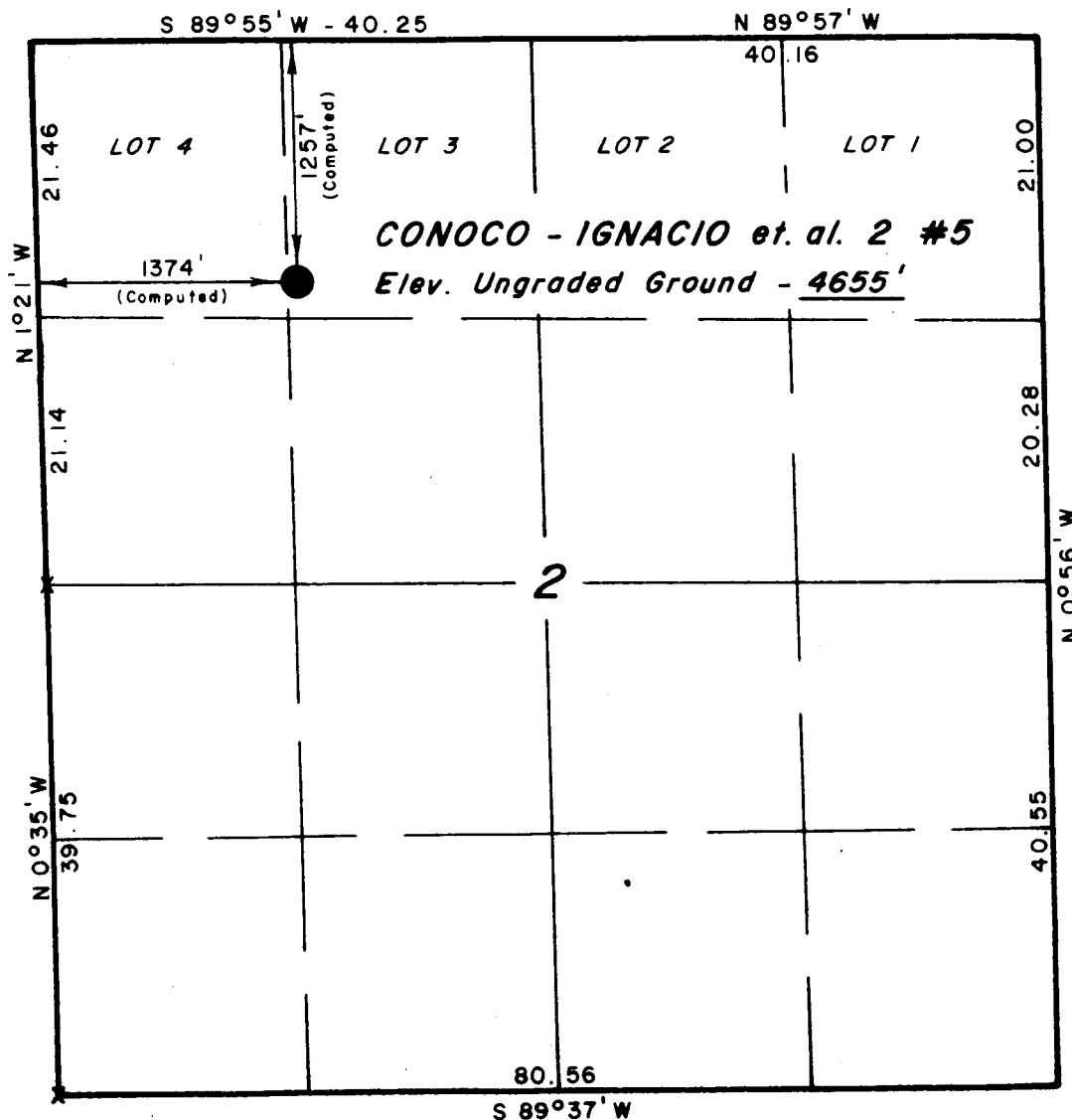
*See Instructions On Reverse Side

T 9 S, R 20 E, S.L.B. & M.

PROJECT

CONOCO, INC.

Well location, CONOCO -
IGNACIO et. al. 2 #5, located
as shown in the NE 1/4 NW 1/4
Section 2, T9S, R 20E, S.L.
B. & M. Uintah County, Utah.



X = Section Corners Located

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

| | | | |
|---------|------------|------|--------------|
| SCALE | 1" = 1000' | DATE | 4/20/78 |
| PARTY | DA DS | DJ | REFERENCES |
| WEATHER | Fair | FILE | GLO Plat |
| | | | CONOCO, INC. |

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date: August 21, 1980

Operator: Conoco Inc. Project or Well Name and No.: 2-25
Location: 1257' FNL, 1374' FWL Section: 2, Township: 9S, Range: 20E
County: Uintah State: Utah Field/Unit: Ouray-Wasatch
Lease No.: 14-20-H62-3001 Permit No.: N/A
Joint Field Inspection Date: August 13, 1980

Prepared By: Craig Hansen

Field Inspection Participants, Titles and Organizations:

| | |
|-----------------|-------------------|
| Craig M. Hansen | USGS - Vernal |
| Lynn Hall | BIA Fort Duchesne |
| Joe Pennecoose | Ute Tribe |
| Ed Turrip | Ute Tribe |
| Homer Smith | Conoco Inc. |

Related Environmental Documents:

EA #544-80, Confirmation well for White River Floodplain

blc-8/22/80

*Admin. Control?
Pad 200 x 300
1 mi x 24' new area
No pit - steel pit
2 2/10 00
→ Cond. of Area
Pg. 8 1-9*

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah
 County: Uintah

1257' FNL, 1374' FWL, NE $\frac{1}{4}$, NW $\frac{1}{4}$

Section: 2, T. 9S, R. 20E, S1B+ M.

2. Surface Ownership Location: Indian
 Access Road: Indian

Status of Reclamation Agreements: Not Applicable

3. Dates APD Filed: July 28, 1980
 APD Technically Complete: August 7, 1980
 APD Administratively Complete: August 18, 1980

4. Project Time Frame

Starting Date: Upon Approval

Duration of drilling activities: 18 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

An existing irrigation project lies west of the location. The location will have to cross threwh this project.

7. Status of Variance Requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 200' wide x 300' long and a steel reserve pit will be used.

Approximately 1.0 miles of new access road, averaging a 18' driving surface, would be constructed from a maintained road. 2.2 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 24'.

2. Drilling:

3. Waste Disposal: A trash cage will be used. All refuse will be removed upon completion of drilling activities.

4. Traffic: Traffic will be restricted to the use of the proposed access road.

5. Water Requirements: Water will be hauled from the Green River 4 miles west of the location.

6. Completion: All completion fluids will be placed in a steel tank and removed after operation cease.

7. Production: Production will be placed inside the Berm for the location, and will have steel guards around the facilities to insure safety from flooding.

8. Transportation of Hydrocarbons: All gathering lines will be placed along access road.

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: Uintah Basin: Province

The area consists of weathered sandstone and shale and buttes and bluffs of the Uinta Formation. These buttes and bluffs are relatively flat on top with steep weathered sides. The valleys that surround the buttes and bluffs slope gently to rugged dissected dendritic drainage patterns. This type of drainage is usually non-perennial in nature.

PARAMETERA. Geology

1. Other Local Mineral Resources to be Protected: Possible oil shale in Green River Formation and Uinta Formation. Possible small saline pods in Green River Formation.

Information Source: Mineral Evaluation Report.

2. Hazards

- a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface. The surface remains unstable most of the year due to ground water in filtration.

Information Source: Field Observation

- b. Subsidence: Withdrawal of fluids could cause subsidence, however, the composition of the producing zones will reduce this hazard, therefore, none is anticipated.

Information Source: "Environmental Geology", EA Teller; "Physical Geology", Leet and Judson.

- c. Seismicity: The area is considered a minor risk - no preventive measures or plans have been presented by the operator.

Information Source: Geologic Atlas of the Rocky Mountain Region.

- d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch, although slight over pressuring may be expected in the upper Wasatch Formation.

Information Source: APD, Mineral Evaluation Report.

B. Soils

1. Soil Character: Is a deep mildly to strongly alkaline soils. The surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fluvial washes.

Information Source: APD, Mineral Evaluation Report

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosley compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B. Leopold, M. Gordon Wolman, and John P. Miller, 1964. "Soils of Utah", Wilson.

C. Air Quality: The area is in a class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation

E. Water Resources:

1. Hydrologic Character

a. Surface Waters: The location drains south by sheet erosion to the White River 400' south of the location. Indedination occurs from the White River during the peak flooding season.

Information Source: Field Observation, APD

b. Ground Waters: Ground water is anticipated in the Birds-eye member of the Green River Formation and other less productive aquifers of the Green River Formation.

Information Source: MIneral Evaluation Report

2. Water Quality

a. Surface Waters: No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operation.

Information Source: Field Observation

b. Ground Waters: Some minor pollution of ground water systems ^{could} occur with the introduction of drilling fluids (filtrate) into the aquifer.

Potential communication, contamination, and commingling of formations via the wellbore would be prevented by an adequate response drilling fluid program. The depths of fresh water formations are listed in the 10-point Subsurface Protection Plan.

Information Source: 10-Point Plan

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from BIA Fort Duchesne on August 19, 1980 we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Willows, tamarack, cottonwood trees, reedgrass, tosha weed, greasewood and annual weeds exist on the location.

Information source: Field Observation

3. Fauna: Deer, antelope, small rodents, birds and reptiles, foxes, raptors, coyotes and domestic livestock exist on or near the location.

Information Source: Field Observation

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, Field Observation, SMA Representative.

2. Affected Floodplains and/or Wetlands: The location is 400' north of the White River floodplain. The location would be ^{inundated} indudinated during heavy flooding. Proper construction of pad and access road would reduce this impact.

Information Source: Field Observation

3. Roadless/Wilderness Area: N/A

Information Source: Field Observation

H. Aesthetics: Operations do not blend in with natural surroundings and could present a visual impact. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation

I. Socioeconomics: Drilling and production operations are small in size, but contribute substantial financial income to residents of the surrounding area.

Information Source: C.M. Hansen, resident of the Uintah Basin.

J. Cultural Resources Determination: Based on the formal comments received from BIA Fort Duchesne on August 19, 1980, we determine that there would be no effect on cultural resources subject to recommended stipulations by USGS and BIA Fort Duchesne.

Information source: SMA Concurrence

L. Adequacy of Restoration Plans: Meet the minimum requirments of NTL-6. The erodibility of area soils could hamper restoration which shoud commence immediately after drilling or completion. Restoration to pre-drilling conditions could be difficult. The areas shour growing season and limited precipitation govern restoration success.

Information Source: APD, Cody M. Hansen, Environmental Scientist, Field Observation.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented

as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

3. Directional drilling the location would reduce this impact but would add a greater cost to the drilling program and would interfere with irrigation projects in the area.

Adverse Environmental Effects:

1. If approved as proposed:

- a. About 2.2 acres of vegetation would be removed, increasing and accelerating erosion potential.
- b. Pollution of groundwater systems ^{could} occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
- c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
- d. The potential for fires, leaks, spills of gas and oil or water exists.
- e. During construction and drilling phases of the operation, noise and dust levels would increase.
- f. Distractions from aesthetics during the lifetime of the project would exist.
- g. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to White River would exist through leaks and spills.
- h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.
- i. A major threat to the endangered species of fish in the White River would exist proper drilling practices would reduce this impact.
- j. A full discription of cummulative impacts of the drilling programs on the White River are discussed in EA #5-44-80 on file in Salt Lake City Office.

2. Conditional approval

- a. All adverse impacts described in section one above would occur.
- b. Endangered species of fish in the White River could be endangered if a spill were to occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. *None*
2. See attached BIA Stipulations.
3. Elevation of proposed location will be at least 4,657' above sea level to reduce impact of flooding on location.
4. 2' high berm will be placed around location and production facilities to reduce flood water damage.
5. Steel tank will be used instead of a reserve pit. All drilling fluids will be contained to these tanks.
6. Steel guards will be placed around well head and production facilities to protect equipment from ice jams and flooding.
7. Culverts will be placed on access road to allow flood water to pass under the road.
8. A cattle guard will be placed at the beginning of the access road.
9. No water will be obtained from the White River.

Controversial Issues and Conservation Division Response:

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).

E. W. Luyman District Engr
Signature & Title of Approving Official

9/22/80
Date



Conoco 2-25
Looking East

NEGATIVE DECLARATION

APPROVAL BY SECRETARY OF THE INTERIOR OF Application for permit to drill
a gas well ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX~~,

TO Conoco Inc., ~~XXXXXXXXXXXX~~ COVERING THE FOLLOWING
DESCRIBED TRUST INDIAN LANDS IN Uintah COUNTY, STATE OF UTAH.

LEGAL DESCRIPTION:

The proposed well site is located 1257 feet from the north line and 1374 feet from the west line (NENW) of Sec. 2., T9S., R20E., SLB&M.

OWNERSHIP

☒ Surface Indian

☒ Sub-Surface Indian

IT HAS BEEN DETERMINED AFTER REVIEW OF THE ACCOMPANYING ENVIRONMENTAL ANALYSIS, THAT THE APPROVAL OF THIS application IS NOT SUCH A MAJOR FEDERAL ACTION SIGNIFICANTLY AFFECTING THE QUALITY OF THE HUMAN ENVIRONMENT AS TO REQUIRE THE PREPARATION OF AN ENVIRONMENTAL IMPACT STATEMENT UNDER SECTION 102 (2) (c) OF THE NATIONAL ENVIRONMENTAL POLICY ACTION OF 1969 (42 U.S.C. § 4332 (2) (c)).

15 Aug 1980
DATE

L.W. Collier
SUPERINTENDENT

FY: '80-81.

LEASE NO. 1420-H62-3001
WELL NO. Conoco-Ignacio #2-25



UINTAH AND OURAY AGENCY
ENVIRONMENTAL IMPACT ANALYSIS

1. PROPOSED ACTION: Conoco Inc. proposes to drill an gas well (Conoco-Ignacio) to, a proposed depth of 7520 feet; to construct approximately None (feet, miles) of new access road; and upgrade approximately 1 (~~6500~~) miles) of existing access road.
2. LOCATION AND NATURAL SETTING: The proposed wellsite is located approximately 2 miles east of Ouray, Utah in the NENE Sec. 2 T. 9S, R. 20E, SLB& meridian. This area is used for irrigated farming, livestock grazing, hunting, wildlife and waterfowl habitat. The topography is nearly level on alluvial flood plain of the White River. The vegetation consist of _____.
- Wildlife habitat for: X Deer X Antelope 0 Elk 0 Bear X Small Mammals X Birds 0 Endangered species X Other Coyotes, Bobcats, rabbits, porcupine, skunk, racoon, fox, beaver, duck, geese, and other waterfowl.
3. EFFECTS ON ENVIRONMENT BY PROPOSED ACTION: (1) approximately 4 acres used for well site and access road will be cleared of all vegetation and removed from present use (2) exhaust from engines and dust caused by vehicles using access roads will cause some air pollution. (3) Some disturbance of wildlife and livestock may occur. (4) some conflict with the irrigated farming may occur. (5) The scenic and aesthetic qualities will be lowered. (6) Hazard to life and property will be increased.
4. ALTERNATIVES TO THE PROPOSED ACTION: (1) Not drill the well (2) Move well location. (3) Drill as planned using precaution to protect the environment.
5. ADVERSE EFFECTS THAT CANNOT BE AVOIDED:
None of the adverse effects listed in item #3 above can be avoided. The operator agrees to follow the 13 point surface use and operating plan, all regulation pertaining to oil and gas, Ute Tribal and BIA regulations to keep the adverse effects to a minimum.
6. DETERMINATION: This request action (~~XXXX~~) (does not) constitute a major Federal action significantly affecting the quality of the human environment as to require the preparation of an environmental impact statement under Section 102 (2)(c) of the National Environmental Policy Act of 1969 (42 U.S.C. s 4332 (2)(c)).

REPRESENTATIVE:

Craig Hansen-USGS, Vernal, Utah
Homer Smith-Conoco, Grand Junction, Colo.
Joe Pinnecoose - Ute Tribe
Ed Kurip- Ute Tribe

R. Lynn Hall 8-14-80
BIA Representative Date

COPY TO:

USGS, P.O. BOX 1037, Vernal, Utah 84078

~~XX~~
~~XX~~

Joe Pinnecoose-Ute Tribal Representative
Ed Kurip - Ute Tribal Representative

Lease #. 1420-H62-3001
Well #. Conoco-Ignacio 2-25



Memorandum

To: USGS District Engineer

From: Surface Managing Agency

Subject: Conoco - Inc., well Conoco-Igancio #2-25
in the NENW., Section 2., T9S., R20E.

We (concur with or, recommend) approval of the Application for Permit to Drill the subject well.

Based on available information on 8-19-80, we have cleared the proposed location in the following areas of environmental impact:

Yes ☒ No ☐ Listed threatened or endangered species

Yes ☒ No ☐ Critical wildlife habitat

Yes ☒ No ☐ Historical or cultural resources

Yes ☒ No ☐ Air quality aspects (to be used only if project is in or adjacent to a Class I area of attainment)

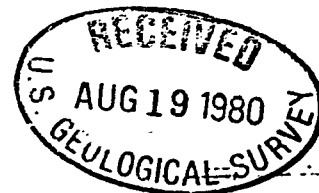
Yes ☐ No ☐ Other (if necessary)

Remarks: _____

The necessary surface protection and rehabilitation requirements are enclosed.

R. Lynn Hall

Enclosure



FROM: : DISTRICT GEOLOGIST, ME, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, WG, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. 1426-H62-3001

OPERATOR: Conoco

WELL NO. 25

LOCATION: SW 1/4 NE 1/4 NW 1/4 sec. 2, T. 9S, R. 20E, SLM

Uintah County, Utah

1. Stratigraphy: Operator logs appear reasonable

| | | | |
|----------------|-------|-----------|--------------|
| Uintah surface | | | |
| Gr Riv Marl | 2085' | "B" sand | 3780' |
| "A" sand | 3465' | "D" zone | 4950' |
| "A-1" sand | 3630' | Wasatch | 5510' |
| | | <u>TD</u> | <u>7520'</u> |

2. Fresh Water:

fresh/usable water possible throughout the Uintah. Usable water may be found to the base of the Green River.

3. Leasable Minerals:

Oil Shale in the Green River. The Mahogany zone should be encountered at ~2850' and is approx 100' thick. Pods of saline minerals may be encountered within an 800' interval immediately above the mahogany zone. Prospectively valuable for Gilsonite. Several mapped veins occur in the area.

4. Additional Logs Needed: Adequate

5. Potential Geologic Hazards: None expected

6. References and Remarks:

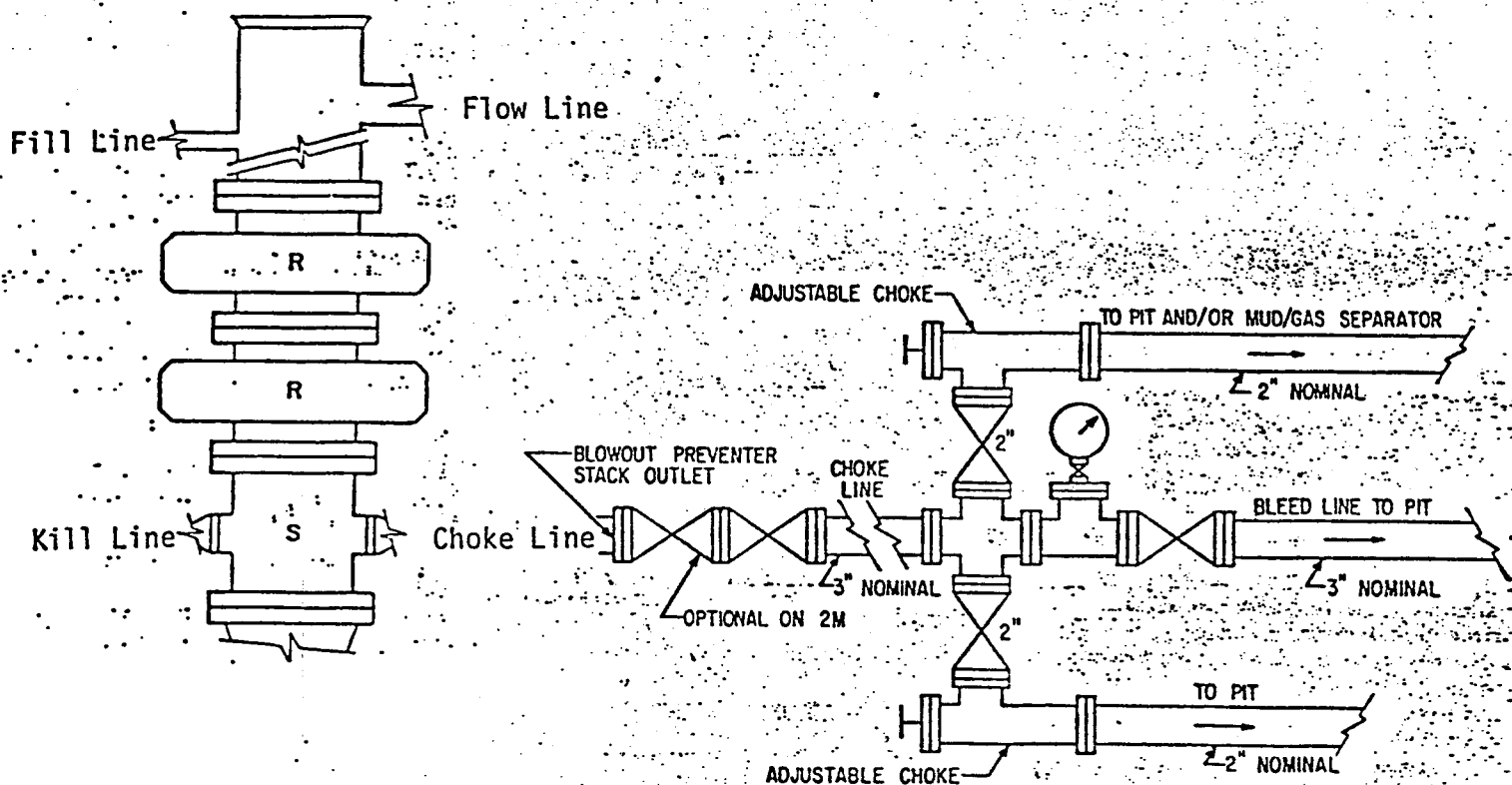
Signature:

Gregory W Wood

Date:

8 - 7 - 80





DOUBLE RAM TYPE PREVENTERS

| | |
|-------------------|-----------------------------------|
| Minimum BOP Stack | <u>3,000</u> psi Working Pressure |
| One Pipe Ram | |
| One Blind Ram | |
| Manifold | <u>3,000</u> psi Working Pressure |
| Well Head | <u>3,000</u> psi Working Pressure |

**** FILE NOTATIONS ****

DATE: July 29, 1980

OPERATOR: Conoco Inc.

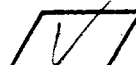
WELL NO: ~~25~~ IGNACIO ETAL 2-5

Location: Sec. 2 T. 9S R. 20E County: Clinton

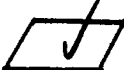
File Prepared:



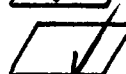
Entered on N.I.D:



Card Indexed:



Completion Sheet:



API Number 43-047-30750

CHECKED BY:

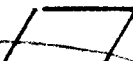
Petroleum Engineer: _____

Director: OK in accordance w/ order issued in Case
173-1 dtd Feb 22, 1980 - Appurtenances in error had
Section 5 plat above Sec 2 (Sec 5 not included in
inst. Sec. 2 193-1)

Administrative Aide: _____

APPROVAL LETTER:

Bond Required:



Survey Plat Required:



Order No. 173-1

O.K. Rule C-3



Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site

Lease Designation

Ind

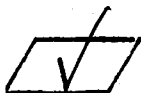
Plotted on Map



Approval Letter Written



Hot Line



P.I.



July 31, 1980

Comaco Incorporation
907 Rancho Road
Casper, Wyoming 82601

RE: Well No. Ignacio et al 2-5
Sec. 2, T. 9S, R. 20E,
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 173-1 dated February 22, 1980. However application in error had section 5 instead of section 2, plat shows section 2 (sec. 5 not included in 173-1).

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Home: 876-3001
Office: 533-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is et al 2-5: 43-047-30750.

Sincerely

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/bh

cc: USGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Conoco Inc.
3. ADDRESS OF OPERATOR
907 Rancho Road, Casper, WY 82601
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,257' FNL, 1,374 FWL Lot 3 (NE NW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

- TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Change well number

SUBSEQUENT REPORT OF:

- ☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
1420-H62-3001
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
AL-3001
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Conoco - Ignacio et al 2
9. WELL NO.
25
10. FIELD OR WILDCAT NAME
Ouray - Wasatch
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Section 5, T9S, R20E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
--
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4,655' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Application for Permit to Drill for the subject well was submitted on July 23, 1980 with the well name and number as Conoco Ignacio et al 2 No. 5. We already have a well No. 5 in this area and thus the well number should be changed to 25 as noted above.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED T. C. Thompson TITLE Admin. Supervisor DATE August 1, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

STATE OF Wyoming
 COUNTY OF Natrona
 PARISH

AFFIDAVIT OF OWNERSHIP OF OIL

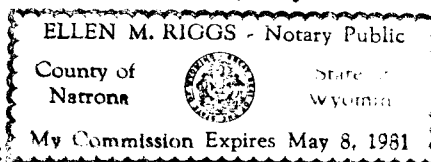
TO Koch Industries Inc., (hereinafter called "Gatherer").
C.H. Gaukel, of lawful age, being first duly sworn, deposes and states that he is
Administrative Supervisor and agent of Conoco Inc. ~~Continental Oil Company~~, a Delaware Corporation, (hereinafter called "Producer"), with offices located at Casper, in the State of Wyoming, and is duly authorized to make this affidavit, and fully cognizant of the facts herein set out, and that during the month March, 19 81, Producer sold to Gatherer a total of 49.95 () net barrels of 32.6 degree gravity recovered oil which had previously been

() purchased from _____
 (X) produced from Conoco Ignacio 2 #25, Batt. No. 1535100 Pool, described as Section 2, Township 9S, Range 20E, Block NE, NW Survey (or other legal description) _____
Uintah ~~Parish~~ County, State of Utah and proper royalty and tax have been or will be paid thereon as production from such lease.

Such oil was transferred to ~~and used for development and/or operating purposes on~~ the Conoco Pawwinnee et al ~~well~~ lease, Batt. No. 1536300 Pool, described as Section 3, Township 9S, Range 21E, Block NE NW, _____ Survey, (or other legal description) _____
Uintah ~~Parish~~ County, State of Utah. Such oil sold to Gatherer has now been (X) recovered and is ready for pipe line acceptance.
 () recovered and returned to the first named lease and is ready for pipe line acceptance.

WHEREFORE, please take notice that such oil has been used only for development and/or operating purposes, it is not production from the last named lease, and 100% payment for the amount of oil stated should be directly to Producer without deductions for the full value of said oil so purchased and Producer will indemnify Gatherer of, from and against any and all claims which may be asserted by others as a result of such payment by Gatherer to Producer.

Subscribed and sworn to before me this 8th day of April, 19 81.



Ellen M. Riggs
 Notary Public

Natrona ~~Parish~~ County, Wyoming

My Commission Expires: St. of Utah, Mining &
Conservation, File, WS

for info only

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐
2. NAME OF OPERATOR
Conoco Inc.
3. ADDRESS OF OPERATOR
907 Rancho Road Casper, WY 82601
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1,257' FNL, 1,374' FWL, Lot 3
AT TOP PROD. INTERVAL: NE/NW
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
|--------------------------|-------------------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) | | | |

5. LEASE
1420-H62-3001
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
AL-3001
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Conoco Ignacio et al 2
9. WELL NO.
25
10. FIELD OR WILDCAT NAME
Ouray - Wasatch
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 2, T9S, R20E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
43-047-30750
15. ELEVATIONS (SHOW DF, KDB, AND WD)
4,655' Ungraded

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

As per verbal approval received from Bill Martins on August 4, 1981, it has been proposed to recomplete Well No. 25 into the Natural Duck "E" as an oil producer. This well is presently completed to the Wasatch from 5,639'-7,420' (46 total shots). The present casing is: 9 5/8", 36# with 195 sacks RFC, 50 sacks Class "G" set at 491', 5 1/2", 17# with 780 sacks "Lite", 570 sacks Class "H", set at 7,594' (T.D.).

The Natural Duck "E" will be perforated from 5,154'-5,164' RBM (40 total shots) with 4 shots/foot. These perforations will be broken down with 2,000 gal. diesel containing 10 gal. Hyflo III surfactant. This well will be fractured with 20,000 gal. gelled oil containing 26,500 lbs. 10-20 sand.

No additional surface disturbance is anticipated. Tests, diagram of facility layout, and subsequent report will follow.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED J. C. Thompson TITLE Administrative Supervisor DATE August 4, 1981

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐

2. NAME OF OPERATOR
Conoco, Inc.

3. ADDRESS OF OPERATOR
907 Ranch Rd. Casper, WY 82601

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1,257' FNL, 1,374' FWL Lot 3 (NE/NW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

(other) Change well number.

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

1420-H62-3001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

AL-3001

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco - Ignacio et al 2

9. WELL NO.

25

10. FIELD OR WILDCAT NAME

Ouray - Wasatch

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 2, T9S, R20E

12. COUNTY OR PARISH

Utah

13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

4,655' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The Application for Permit to Drill for the subject well was submitted on July 23, 1980 with the well name and number as Conoco Ignacia et al 2 No. 5. We already have a well No. 5 in this area and thus the well number should be changed to 25 as noted above.

Please also note the well is in Section 2, T9S, R20E. The application to drill mistakenly designated the well in Section 5, T9S, R20E. We are sorry for this inconvenience.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

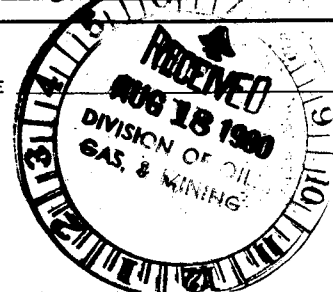
SIGNED J. C. Thompson TITLE Admin. Supervisor DATE August 13, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File

*See Instructions on Reverse Side



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

907 Rancho Road, Casper, WY 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1,257' FNL, 1,374' FWL, Lot 3 (NE NW)

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

Not Applicable

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) Not Applicable

16. NO. OF ACRES IN LEASE

161.03

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

Not Applicable

19. PROPOSED DEPTH

7,520'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,655' Ungraded ground

22. APPROX. DATE WORK WILL START*

September 15, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|------------------------------|
| 17 1/2" | 13 3/8" | 54.5# | 60' | 85 sacks |
| 12 1/4" | 9 5/8" | 36# | 500' | 245 sacks |
| 7 7/8" | 5 1/2" | 17# | T.D. | 1145 sacks CEMENT TO SURFACE |

It is proposed to drill Conoco Ignacio et al 2 No. 5 as a Wasatch gas producer. There are no cores planned. A DST of the Green River is anticipated. All appropriate logs will be run. A BOP will be used and tested daily.

A completion rig will be used for completion operations and all conditions of this plan will be applicable during those operations.

RECEIVED

OCT 23 1980

DIVISION OF
OIL GAS & MINING
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM. If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

T.C. Thompson

TITLE Administrative Supervisor

DATE July 23, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

FOR E. W. GUYNN
DISTRICT ENGINEER

DATE

OCT 22 1980

NOTICE OF APPROVAL

USGS(3) UOGCC(2) File

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

UT. Oil & Gas

Memorandum

Conoco, Inc
2-95-20E

Cody

To: District Oil and Gas Engineer, Mr. Edward Gynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

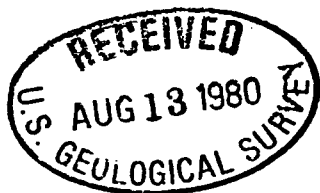
Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. 1420-H62-3001 Well No. 5

1. The location appears potentially valuable for:

- ☐ strip mining*
- ☒ underground mining** *oil shale*
- ☐ has no known potential.

2. The proposed area is

- ☐ under a Federal lease for _____ under the jurisdiction of this office.
- ☒ not under a Federal lease under the jurisdiction of this office.
- ☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.



*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

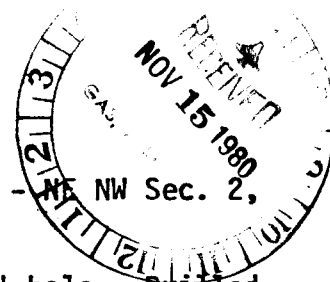
**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed Allen L Vance

D. John Ogren
Assistant Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311



OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

12-3-80: Logging. TD 7520' - Wasatch. Made 48'. 7 7/8" hole. Drilled to 7520'. Circ. and cond. mud. Pulled out of hole. Rigged up loggers. Dev.: 2⁰ at 7480'. KCl-brine - Wt. 10.2#; Vis. 40; WL 14.8 cc; chlorides 212,000 ppm. Cum. mud cost: \$53,523. T.W.T. Explor. 21 3/4 - 1 - 0. Drig. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

12-4-80: TD 7520'. Rigging up casing crew. Ran DLL-GR from 7522' to 491', FDC-DNL-GR-Caliper from 7522' to 1900', and Caliper to 491'. Finished logging Ran in hole to 2000'. Killed water flow. Finished trip in hole. Circ. and cond. hole. Pulled out of hole, laying down drill pipe and drill collars. Cum. mud cost: \$55,423. T.W.T. Explor. 21 3/4 - 2 - 0. Drig. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

12-5-80: TD 7594'. MORT. Changed out BOP rams. Ran 184 jts. 5 1/2", 17#/ft., K-55, LT&C casing to 7594' with diff. fill collar at 7552' and DV tool at 4058'. Rigged up Dowell. Cemented first stage with 537 sacks "Lite" cement, 10 bbls. spacer, 10 bbls. "Mud Flush", 10% salt, and .4% "D-65." Mixed at 12.4 ppg. Tail slurry: 420 sacks Class "H", 10% salt, and .3% "D-65." Mixed at 16.0 ppg. Cemented second stage with 10 bbls. spacer, 10 bbls. "Mud Flush", 391 sacks "Lite", 10% salt, and .4% "D-65." Mixed at 12.4 ppg. Both floats held. Had mud returns, but no cement returns. Rigged down Dowell. Set slips, cut off casing, and cleaned mud tanks. Rig released at 6 a.m. 12-5-80. T.W.T. Explor. 20 3/4/0. Drig. Foreman: Gaukel. Cum. mud cost: \$55,423.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-6-80: Waiting on completion unit. 20 3/4/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-8-80: Waiting on completion unit. 20 3/4/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-9-80: Waiting on completion unit. 20 3/4/0.



Production Department
Casper Division

OURAY BLOCK - Uintah Co., Utah

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-27-80: Drilling. Depth 6601. Made 159'. 7 7/8" hole. Ran in hole with bit #6. Circulated and killed water flow. Drlg. ahead. Background gas - 80 units. Connection gas - 100 units. Maximum gas - 100 units. KCL Brine Water. Wt. 10.1#; Vis. 28; pH 9.0; Chlorides 251,000; Chromates 650; Solids 1.0%. Cum. mud cost \$29,842. TWT Explor. 15 3/4 - 1/2 - 0. Drlg. Foreman: Jackson.

11-28-80: Drilling. Depth 6808. Made 207'. 7 7/8" hole. Drilling breaks: 6624' to 6630' 7 to 4 min. per foot.) 100 to 120 units gas. 6635' to 6636' 7 to 4 min. per foot.)

Background gas - 60 to 80 units. Connection gas - 100 units. Maximum gas - 120 units. KCL Brine. Wt. 10.3#; Vis. 29; pH 8.5; Chlorides 216,000; Chromates 550; KCL 3.5%; Solids 2.2%. Cum. mud cost \$30,974. TWT Explor. 16 3/4 - 1/2 - 0. Drlg. Foreman: Jackson.

11-29-80: Drilling. Depth 7001. Made 193'. 7 7/8" hole. Background gas - 300 to 350 units. Connection gas - 400 units. Maximum gas - 400 units. KCL Brine. Wt. 10.2#; Vis. 29; pH 9.5; Chlorides 218,000; Chromates 550; KCL 3.0%; Solids 4.2%. Dev. 1 3/4" at 6794'. Cum. mud cost 32,714. TWT Explor. 18 3/4 - 1/2 - 0. Drlg. Foreman: Jackson & Leroux.

11-30-80: Pulled out of hole. Depth 7177'. Made 176'. 7 7/8" hole. Drilling to 7177'. Lost pump pressure and 10,000# water. Pulled out of hole. No drilling breaks. Background gas - 80 units. Connection gas 110 units. Maximum gas - 110 units. KCL Brine. Wt. 10.2#; Vis. 30; W.L. 22; F.C. 2; pH 9.0; Chlorides 205,000; Chromates 550; Solids 1%. Cum. mud cost \$32,618. TWT Explor. 18 3/4 1/2 - 0. Drlg. Foremen: Jackson & Leroux.

12-1-80: Drilling. Depth 7200'. Made 23'. 7 7/8" hole. Finished pulling out of hole. Twisted off box 4th drill collar down. Picked up fishing tools. Trip in hole. Circulated. Killed water flow. Caught fish. Pulled out of hole. Laid down fish and tools. Loadout same. Picked up 7 drill collars. Tripped in hole. Drilling ahead. Background gas 40 units. Trip gas 800 units. KCL Brine. Wt. 9.6#; Vis 30; W.L. 69; F.C. 2; pH 8.3; Chlorides 95,000; Chromates 100; Solids 3.7%. Cum. mud cost \$36,559. TWT Explor. 19 3/4 - 1/2 - 0. Drlg. Foremen: Jackson & Leroux.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

12-2-80: Drilling. Depth 7472'. Made 272'. 7 7/8" hole. KCL Brine. Wt. 10.0#; Vis. 30; W.L. 57; F.C. 3; pH 9.5; Chlorides 206,000; Chromates 300; Solids 3%. Background gas - 80 units. Connection gas - 120 units. Cum. mud cost - \$44,134. TWT Explor. 20 3/4 - 1/2 - 0. Drlg. Foreman: Jackson.



Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

~~OURAY BLOCK~~ - Uintah Co., Utah.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse No. 14-20-H62-3001

11-21-80: Drilling. Depth 5266'. "D" Sand. 7 7/8" hole. Made 535'. Dev. 2 1/2" at 5007'. 5152' to 5162' - 400 units gas. 5201' - 5218' - 600 units gas. Background gas - 200 units. Connection gas - 250 units. Maximum gas - 600 units. KCL-brine - Wt. 14.0#; Vis. 28; Chlorides 132,000. Cum. mud cost: \$15,597. TWT Explor. 9 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-22-80: Depth 5550' in Wasatch. Progress 284'. 7 7/8" hole. Drilled to 5550', lost pump pressure. POOH to check for leak. Found leak 2500' up from bit. Well flowed. Circulated brine water and killed well. POOH and laid down two cracked collars. Ran in hole. KCL Brine, Wt. 9.6#; Vis. 28; Chlorides 130,000. Background gas - 200 units. Connection gas - 250 to 300 units. Maximum gas - 800 units. 10 3/4 - 1/3 - 0.

11-23-80: Drilling. Depth 5913'. Wasatch. Made 363'. 7 7/8" hole. Finished running in hole and drilling ahead. Dev. 2 1/2" at 5550'. KCL brine; Wt. 9.8#; Vis. 29; Chlorides 147,000. Background gas - 150 to 200 units; Connection gas - 300 units. Maximum gas - 300 units.

11-24-80: Drilling. Depth 6214'. Wasatch. Made 301'. 7 7/8" hole. Brine-polymer. Wt. 10.0#; Vis. 28; Chlorides 165,000, Chromates 800. Dev. 2 1/2" at 6112'. Cum mud cost \$21,813. TWT Explor 12 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-25-80: Depth 6442'. Made 228'. 7 7/8" hole. Drilling to 6442'. Lost pump pressure and 15,000# of wt. Circulated and conditioned to measure mud weight for trip. Brine polymer. Wt. 9.8#; Vis. 28; Wl. 36, Chlorides 165,000. Background gas - 60 to 100 units. Cum. mud cost. \$24,411. TWT Explor. 13 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-26-80: Depth 6442'. Made 0. Inspecting drill collar. 7 7/8" hole. Finished trip out of hole. Left 10 drill collars in hole with twisted collar box. Ran in hole with over-shot. Latched onto fish and pulled out of hole. Laid down fish, and inspecting drill collar. At present 1 1/2" water flow from well. Brine water. Wt. 10.2#; Vis. 28; pH 8.0; Chlorides 194,000; Solids .8%. Cum. mud cost \$25,846. TWT Explor. 14 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.



Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-15-80: Drilling 7 7/8" hole at 1715'. Made 835'. Drilled to 1471'. Pulled out of hole for bit and ran in hole. Dev.: 3/4° at 1000'; 1/4° at 1449'. Brine water - Wt. 8.8#; Vis. 29; chlorides 15,000 ppm. Drlg. Foreman: Gaukel.

11-16-80: Drilling 7 7/8" hole at 2453'. Made 738'. Dev.: 1 1/4° at 2021'. Brine water - Wt. 8.8#; Vis. 29; chlorides 14,000 ppm. Drlg. Foreman: Gaukel.

11-17-80: Drilling 7 7/8" hole in Base of Marlstone at 3180'. Made 727'. Drlg. breaks - 2997-3038' - 2 1/2 to 1 min./ft. - 850 units gas and 3100-3118' 2 1/2 to 1 min./ft. - 1000 units gas. Background gas - none; 800 units connection gas; max. gas 1000 units. Dev.: 1 1/4° at 2561'; 2° at 3018'. Brine water - Wt. 8.7#; Vis. 28; chlorides 20,000 ppm. Cum. mud cost: \$10,677. T.W.T. Explor. 5 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-18-80: Drilling 7 7/8" hole in "B" sand at 3880'. Made 700'. Drlg. break: 3760-3773' - 2 to 1 min./ft. - 950 units gas. Background gas = 500 units; connection gas = 700 units. Dev.: 2° at 3504'. Brine water - Wt. 9.2#; Vis. 29; Chlorides 44,000 ppm. Cum. mud cost: \$12,874. T.W.T. Explor. 6 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-19-80: Running in hole. Depth 4267'. 7 7/8" hole. Made 387'. Drilled to 4263'. Lost pump pressure and pulled out of hole to check for leaks. Found hole in drill pipe at 2000'. Ran in hole and bit torqued up. Circ. to kill water flow and pulled out of hole. Picked up new bit. Dev.: 3° at 4005'. Drlg. breaks: 3955-3975' - 2 1/2 to 1 min./ft. - 1200 units gas; 4181-4198' - 2 1/2 to 1/2 min./ft. - 1000 units gas. Brine water - Wt. 9.1#; Vis. 28; Chlorides 87,000 ppm. Cum. mud cost: \$14,350. T.W.T. Explor. 7 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 14-20-H62-3001

11-20-80: Drilling. Depth 4731'. "B" Sand. 7 7/8" hole. Made 464' Finished running in hole and drilling ahead. Dev.: 3° at 4517'. Background gas - 250 units. Connection Gas - 350 to 500 units. Maximum gas - 500 units. KCL-brine - Wt. 14.0#; Vis. 28; Chlorides 126,000. Cum. mud cost: \$14,822. T.W.T. Explor. 8 3/4 - 1/2 - 0. Drlg. Foreman: Gaukel.



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OURAY BLOCK

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000

Location: 1257' FNL, 1374' FWL, NE NW Sec. 2, T9S, R20E, Uintah Co., Utah
AFE 12-61-2094. API Well No.: 43-047-30750. Fed. Lse. No.: 14-20-H62-3001. Contractor: T.W.T. Explor. Mud supplier: Baroid. Elevations:
GL 4655', KB 4666', RBM 11'.

11-11-80: Mixing LCM. Depth 194' - 12 $\frac{1}{4}$ " hole. Spudded at 12:00 midnight
11-10-80. Drilled to 185'. Lost 90% returns. Lost all returns at 190'.
Dev.: $\frac{1}{2}$ " at 119'. Drlg. with water. Cum. mud cost: \$360. T.W.T. Explor.
 $\frac{1}{4}$ /0/0. Drlg. Foreman: Laroux.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Fed. Lse. No. 14-20-H62-3001.

11-12-80: Rigging up casing crew. Depth 508' - 12 $\frac{1}{4}$ " hole. Made 314'. Mixed
LCM and pumped same. Pulled out of hole for plugged jet. Tripped in hole.
Regained circulation. Drilled to 508'. Pulled out of hole. Made short trip.
Washed 40' to bottom. Circ. and conditioned hole. Pulled out of hole. Dev.:
 $\frac{1}{4}$ " at 508'. Drlg. with water - Wt. 4.5#; 16% LCM. Cum. mud cost: \$5317.
T.W.T. Explor. 1 $\frac{1}{4}$ /0/0. Drlg. Foreman: Leroux.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

11-13-80: Drilling 7 7/8" hole at 524'. Made 33'. Ran 13 jts. 9 5/8", 36#/ft.,
K-55, ST&C casing. Circ. casing down to 491'. Rigged up cementers and cemented
with 195 sacks "RFC" cement, 12% "D-52", 2% CaCl₂, and $\frac{1}{4}$ " "Cello-Flake"/sack.
Tailed in with 50 sacks Class "G" and 2% CaCl₂. WOC. Had mud and cement returns.
Nippled up. Tested BOP to 1000 psi; held okay. Drilled out cement. Drlg. with
water - Wt. 8.4#; Vis. 28; chlorides 1300 ppm. T.W.T. Explor. 2 $\frac{1}{4}$ /0/0. Drlg.
Foreman: Leroux.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

11-14-80: Drilling 7 7/8" hole at 880'. Made 356'. Drilled to 550'. Surface
pipe shook loose. Ran 1" pipe down outside of surface pipe. Cemented with 50
sacks Class "G" and 4% CaCl₂. WOC. Drlg. with brine-lime - Wt. 8.4#; Vis.
28; chlorides 400 ppm. Cum. mud cost: \$5130. T.W.T. Explor. 2 3/4 - 1/2 - 0.
Drlg. Foreman: Leroux.

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Casper Division

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OURAY BLOCK - Uintah Co., Utah
DIVISION OF OIL, GAS & MINING

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-23-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-24-80 thru 12-29-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-30-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-31-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 1-3-81: Moved in and rigged up pulling unit. Moving in completion equipment. 20 $\frac{1}{4}$ /3/1.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-5-81: Picked up tubing head. Set on head. Picked up 4 3/4" bit. Tallied, picked up and ran 128 jts. 2 7/8" tubing to 3964' KB. Picked up swivel and hooked up circ. equipment. Drilled 4' and fell thru. Ran 2 jts. Pulled tubing and bit. Picked up scraper. Ran bit and scraper with tubing to 5000'. SDON. 20 $\frac{1}{4}$ /3/1.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-6-81: Picked up and singled in 242 jts. 2 7/8" tubing with bit to 7482'. Circ. hole clean. Closed BOP and tested casing to 3000# for 40 min. Held okay. Displaced hole with 2% KCl water (140 bbls.). Pulled tubing and bit. Stood back in derrick. SDON. 20 $\frac{1}{4}$ /3/3.



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T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-10-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-11-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-12-80 thru 12-14-80: 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-15-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-16-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2,
T9S, R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-17-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-18-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-19-80 thru 12-21-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 14-20-H62-3001

TD 7594'. 12-22-80: Waiting on completion unit. 20 $\frac{1}{4}$ /3/0.



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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-23-81: Drop from report until Wasatch is re-tested and/or recompletion work begins on Green River. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. Dropped from report 3-23-81 until Wasatch was retested and/or recompletion work began on Green River.

3-31-81: Prep. to clean out with Nowsco and blow down fluid to TD.

4-1-81: Rigged up Nowsco. Ran in hole with coiled tubing to 5882'. Tagged sand (52' below packer). (Perfs at 5844' to 7420'.) Unable to blow out sand with N₂. Pulled tubing. Well began to unload. Cut out Chicksan joint on piping. SDON. Will attempt again on 4-2-81. 20 $\frac{1}{4}$ /3/40.

TD 7594'. 4-2-81: Rigged up Nowsco. Hooked up solid flowline to tank. Opened well up. Flowed well for 45 minues. Sand cut out flowline. Repaired line, opened well, and flowed for 1 $\frac{1}{2}$ hours. Cleaning up with less water and lots of sand. Cut out choke. Repaired choke. Set at 32/64". Flowed for 30 minutes. Measured rate at 180 MCF. Ran Conoco wire line with sinker bar. Tagged at 7414'. Top of bottom perfs at 7420'. SDON. 20 $\frac{1}{4}$ /3/41.

TD 7594'. 4-3-81: Cleaned out with N₂ to 7444' RB. Opened well to 16/64" choke to tank overnight. Rec. small slugs of liquid with gas.

4-4-81: TP 150#. Flowed to tank overnight thru 16/64" choke. Lifting small slugs of liquid with gas. Flowing to clean up.

4-5-81: Flowing well to clean up to tank. 20 $\frac{1}{4}$ /3/44.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-6-81: Flowed to tank overnight. Made 45 MCF GPD with 1 $\frac{1}{2}$ slugs of water. TP 0#. 20 $\frac{1}{4}$ /3/45.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-7-81: Well SI for 33 hrs. TP 1150#. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 4-8-81: Well SI. Letting pressure build up to unload. 20 $\frac{1}{4}$ /3/46.



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R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-6-81 thru 3-9-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-10-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-11-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-12-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-13-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-14-81 thru 3-16-81: Well SI pending engineering evaluation.
20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-17-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-18-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

TD 7594'. 3-19-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.

TD 7594'. 3-20-81: Well SI pending engineering evaluation. 20 $\frac{1}{4}$ /3/39.



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Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-24-81: Moving in tubing and packer. 20 $\frac{1}{4}$ /3/32.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-25-81: Moved tubing and packer. Waiting on rig. 20 $\frac{1}{4}$ /3/33.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-26-81: Waiting on unit. 20 $\frac{1}{4}$ /3/33.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-27-81: Well SI.

2-28-81: Moved in workover unit. Loaded hole with 100 bbls. brine water. Installed BOP. Singled down 100 stands of 1.9" tubing. SDON.

3-1-81: Shut down on Sunday. 20 $\frac{1}{4}$ /3/36.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 3-2-81: Completed laying down 1.9" tubing in singles. Rigged up to run 2 7/8" tubing. Tallied and picked up 189 jts. 2 7/8" EUE tubing with Baker "Lok-Set" packer. Ran to 5936'. Tried to set packer. Worked for 1 $\frac{1}{2}$ hrs. without success. SDON. 20 $\frac{1}{4}$ /3/37.

TD 7594'. 3-3-81: Unable to set packer. Worked on setting for 1 $\frac{1}{2}$ hrs. Pulled tubing and packer. Replaced "Lok-Set" packer. Reran tubing. Set packer at 5936' with 6000# tension. Hooked up wellhead. Prep. to swab well in. 20 $\frac{1}{4}$ /3/38.

TD 7594'. 3-4-81: Rigged up swab equipment. Swabbed 150 BLW in 10 hrs. Pulling swab from packer (5936'). Last 3 hrs. of swabbing made 1 $\frac{1}{2}$ B/H and three swab runs/hr. Recovering small blow of gas after swab pull. 20 $\frac{1}{4}$ /3/38.

TD 7594'. 3-5-81: Swabbed well for 8 hrs. Made 22 BLW. Pulling swab from packer. Making 3 runs/hr. and $\frac{1}{2}$ BLW/Hr. CP 0#. SI well. Rigged down and moved off. Will leave well SI until engineering evaluation of well is completed. 20 $\frac{1}{4}$ /3/39.



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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-9-81: TP 1450#, CP 1800#. Opened well at 9 a.m. on manual choke to 3/4". Well flowed gas and oily water. At 12:00 noon, TP 70#, CP 1050#. Heading flow of gas and slightly oil cut water. At 3:15 p.m. TP 40#, CP 800#. Left well on 32/64" choke. Flowing to tank. 20 1/4/3/28.

TD 7594'. 2-10-81: Well quit flowing. TP 0#, CP 1200#. Left well open to tank. 20 1/4/3/29.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-11-81: Well SI. 20 1/4/3/29.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-12-81: TP 0#, CP 1600#. Well will not flow. 20 1/4/3/29.

TD 7594'. 2-13-81 thru 2-16-81: Well SI. 20 1/4/3/29.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-17-81: Well SI. 20 1/4/3/29.

TD 7594'. 2-18-81: Well SI. 20 1/4/3/29.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-19-81: Well SI. 20 1/4/3/29.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-22-81: Moving tubing (2 7/8") to well to run in hole. 20 1/4/3/30.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 2-23-81: Moving in 2 7/8" tubing string. 20 1/4/3/31.



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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-28-81: Flowed well to tank overnight thru 12/64" choke. Press. at 8 a.m. TP 200#, CP 1150#. Made 125 BLW with very little gas. Rec. 743 BLW; 1875 BLW to recover. 20 $\frac{1}{4}$ /3/18.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H26-3001

TD 7594'. 1-29-81: At 8 a.m. TP 100#, CP 1800#. Flowed to tank overnight. Flowed all water at 5 B/H. Opened choke slightly. At 4 p.m. TP 50#, CP 1480#. Well was heading flow but not continuously. No gas and all water. Flowing thru 11/64" choke. Rec. 911 BLF; 1707 BLF to recover. 20 $\frac{1}{4}$ /3/19.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-30-81: Flowed well to tank for 24 hrs. TP 100#, CP 1660# thru 16/64" choke. Rec. 960 BLW; 1657 BLW to recover. No gas shows.

1-31-81: At 8 a.m. TP 50#, CP 1740#. Flowed to tank thru 16/64" choke. Flowing water in slugs. No gas. Rec. 1040 BLW; 1537 BLW to recover.

2-1-81: Flowed well to tank for 24 hrs. At 8 a.m. TP 50#, CP 1760#. Flowing all water and no gas. Flowing in heads and slugs. Rec. 1140 BLW; 1437 BLW to recover. 20 $\frac{1}{4}$ /3/22.

TD 7594'. 2-2-81: Well would not flow. TP 0#, CP 1560#. Left open to tank. 20 $\frac{1}{4}$ /3/23.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 2-3-81: Opened well up. Tubing dead. Removed part of wellhead to master valve. Shut well in. Let pressure build to 260# on tubing. Opened master valve. Heavy, black oil flowed in solid 2' lengths. Repeated closing valve and flowing oil in 2' plug lengths. Well not flowing any liquids but had small show of gas. TP 260#, CP 1800#. 20 $\frac{1}{4}$ /3/24.

TD 7594'. 2-4-81: Well open to tank. No liquids and small gas blow. TP 50#, CP 1300#. Left well open to tank. 20 $\frac{1}{4}$ /3/25.

TD 7594'. 2-5-81: Tubing had slight gas blow, CP 1660#. Making small amt. of water. Broke off connections at wellhead. Had heavy oil at wellhead connections. 20 $\frac{1}{4}$ /3/26.

TD 7594'. 2-6-81: Injected 75 gal. distillate down tubing. TP 600#, CP 1800#. 10 $\frac{1}{4}$ /3/27.

2-7-81 and 2-8-81: Well SI.



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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-20-81: Rigged up Dowell. Frac'd well in two stages, dropping 23 ball sealers between stages. Frac'd down annulus at 60 B/M and 3700 psi avg. pressure with 100,700 gal. frac fluid, 14,000# 100 mesh sand, and 190,000# 20-40 mesh sand. ISIP 1550 psi; 5 min. SIP 1500 psi. Rigged up GO Wireline Service to run Temp. Survey. All frac fluid contained 40#/1000 gal. J-266, 20#/1000 gal. "Adomite Aqua", and 1 gal./1000 gal. F-78. 2398 bbls. load to recover. 20 $\frac{3}{4}$ /3/10.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-21-81: Installed choke and rigged up flow line to flow well back. Will start flowing 1-22-81. Well SI 36 hrs. Tagged sand at 7388' with Temp. Log, which indicated frac went to 7110' and below. Max. depth logged 7388'. 2398 BL to recover. 20 $\frac{3}{4}$ /3/11.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-22-81: Finished rigging up to flow well back. Started flowing well back at 5 p.m. at 4 B/H. TP 850 psi, CP 850 psi. 20 $\frac{3}{4}$ /3/12.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-23-81: TP 725#. Well plugged off at choke. Opened well up. Set at 10 B/H rate.

1-24-81: TP 700#. Well flowed 50 BLF overnight to tank. Cleaned choke. Found sand in same.

1-25-81: TP 550#. Well flowed to tank over weekend. Made 220 BLF. 2398 BL to recover. Flowing well to recover load fluid. 20 $\frac{3}{4}$ /3/15.

TD 7594'. 1-26-81: Flowed well overnight. TP at 9 a.m. = 525#, CP 525#. At 4 p.m. TP 450#, CP 680#. Flowing 10 B/H. Rec. 410 BLF; 2208 BLF to recover. 20 $\frac{3}{4}$ /3/16.

TD 7594'. 1-27-81: Flowed well to tank overnight. TP 225#, CP 980#. Flow rate 10 B/H. Made 208 BLF with slight show of gas. 618 BLF recovered; 2000 BLF to recover. 20 $\frac{3}{4}$ /3/17.



Production Department
Casper Division

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-12-81: Bridge plug set at 7297'. Spotted acid and set packer at 7235'. Broke down Zone 4 (7260-64') with 300 gal. 15% HCl-MSR acid and 10 ball sealers. Pumped into formation at 3/4 B/M at 5000#. Displaced with 1760 gal. KCl water. ISIP 1300#. Swabbed back load. Swabbed dry. No gas or liquid entering well. Moved bridge plug to 6099'. Spotted acid and set packer at 6035'. Broke down Zone 3 (6074-85') with 500 gal. 15% HCl-MSR acid and 19 ball sealers. Pumped into formation at 1/2 B/M at 5000#. Displaced with 1500 gal. KCl water. ISIP 2000#. Swabbed well down. Swabbed dry with no gas or liquid entering well. Moved bridge plug to 5885'. Spotted acid. Set packer at 5821'. Broke down Zone 2 (5844-5852') with 600 gal. 15% HCl-MSR acid and 18 ball sealers. Pumped into formation at 7/2 B/M at 2900#. Displaced with 1420 gal. KCl water. ISIP 1100#. Swabbed back load fluid. Swabbed well dry. No gas or liquids entering well bore. Moved bridge plug to 5669'. Spotted acid. Moved packer to 5607' and set. Broke down Zone 1 (5639-5646') with 500 gal. 15% HCl-MSR acid and 16 ball sealers. Pumped into formation at 4 1/2 B/M at 3800#. Displaced with 1400 gal. KCl water. ISIP 900#. Swabbed load fluid. Swabbed well dry. No gas or liquids entering well bore. Released packer and retrieved bridge plug. Laying down 2 7/8" workover string in singles. SDON. 20 3/4/3/6.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-13-81: Finished laying down 2 7/8" tubing. Changed over to run 1.9" tubing. Tallied, picked up and ran 176 jts. 1.9" tubing to 6003' KB. Hooked up wellhead. Prep. to rig down unit. 20 3/4/3/7.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-14-81: Prep. to frac. 20 3/4/3/7.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-15-81: Hauling in tanks and equipment to frac. 20 3/4/3/8.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-16-81: Prep. to frac. 20 3/4/3/9.

TD 7594'. 1-19-81: Prep. to frac. 20 3/4/3/9.



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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-7-81: Ran CBL-VDL-GR-CCL from 7475' to 1482'. Good bonding from 7475' to 6450'; fair from 6450' to 6100'; good from 6100' to 1482' (top of cement). Perforated Wasatch from 7414-20', 7392-98', 7260-64', 6082-85', 6074-79', 5844-52', and 5639-46'. Shot with 46 holes. Picked up Halliburton bridge plug and packer. Ran in hole with 61 stands of tubing. SDON. 20 $\frac{1}{4}$ /3/3.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. 1-8-81: Ran in with bridge plug and packer. Set bridge plug at 7427'. Pulled and set packer at 7405'. Treated Zone #6 (7414-7420') with 400 gal. 15% HCl-MSR-100 acid and 10 ball sealers. Pumped at 5 B/M at 4000-3500#. Balled off before all acid in perms. Surged off balls and displaced with 1800 gal. 2% KCl water. ISIP 1300#. Opened well up. Rigged up swab. Swabbed back 10 BLF and lost bottom of swab mandrel. Waited on fishing tool. Ran in with fishing tool on swab line. Fished mandrel. Shut down on account of darkness. SDON. 20 $\frac{1}{4}$ /3/4.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3001

TD 7594'. Correction on report of 1-7-81: Perforated Wasatch - 7414-20'.

1-9-81: Swabbed hole dry. Moved packer to 7370' and bridge plug to 7405'. Broke down zone #5 - 7392-7398' (7') with 600 gal. 15% HCl-MSR acid and 14 ball sealers at 3 $\frac{1}{2}$ B/M at 5000# to 2300#. Displaced with 1792 gal. 2% KCl water. ISIP 1100#. Swabbed well dry. Rec. poor to fair gas shows.

1-10-81: Killed well. Moved bridge plug to 7297' and packer to 7235' to break down zone #4 - 7260-7264' (5'). Tried to pump into perms with 2% KCl water. Unable to break down at 5000#. Moved packer to 6035' (above Zone #3 - 6074-6085' - 10'). Pumped into zone with 2% KCl water. at $\frac{1}{2}$ B/M at 5000#. Prep. to acidize zones. SDON.

1-11-81: Shut down on Sunday. 20 $\frac{1}{4}$ /3/5.



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Production Department

Conoco Inc.
907 Rancho Road
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(307) 234-7311

10-30-81

FINALS ON COMPLETED DRILLING WELLS

OURAY BLOCK

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000

Location: 1257' FNL, 1374' FWL, NE NW Sec. 2, T9S, R20E, Uintah Co., Utah.
AFE 12-61-2094. API Well No.: 43-047-30750. Ind. Lse. No.: 1420-H62-3001.
Prod. Lse. No.: 7156339. TD 7520', PBTD 7452'. Elevations: GL 4655', KB
4666', RBM 11'. Spudded 11-10-80. Rig released 12-5-80. Completed 7-23-81.
NEP - 17' - Wasatch. Ran DLL-GR, FDC-CNL-GR-Caliper, and CBL-VDL-GR-CCL.
Tops:

| | | |
|-------------------------------|-------|-----------|
| Green River Marlstone | 1981' | (+2685) |
| Base of Green River Marlstone | 2892' | (+1774) |
| Green River "A" | 3340' | (+1326) |
| "A-1" | 3550' | (+1116) |
| "B" | 3700' | (+ 966) |
| "D" | 4908' | (- 242) |
| "E" | 5102' | (- 436) |
| Wasatch | 5562' | ((- 896) |

Perfs: 7414-20', 7392-98', 7260-64', 6082-85', 6074-79', 5844-52', and
5639-46'. Acidized and frac'd well. Flowed 40 MCFGPD to atmosphere from
Wasatch on 7-23-81. No sales made from Wasatch. Casing record: 9 5/8"
set at 491'; 5 1/2" set at 7494'. Tubing record: 1.9" set at 5231' KB.
FINAL REPORT. (Well was subsequently recompleted to Natural Duck "E.")

NOV 02 1981
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.6.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

907 Rancho Road, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

1257' FNL, 1374' FWL NE/NW

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-047-30750

07/31/80

12. COUNTY OR

PARISH

13. STATE

Utah

Utah

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)*

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

11/10/80

12/3/80

7/23/81

4666' KB

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,

HOW MANY*

23. INTERVALS

DRILLED BY

ROTARY TOOLS

CABLE TOOLS

7522'

7452'

→

X

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5639-46', 5844-52', 6074-79', 6082-85', 7260-64', 7392-98',

7414-20', All Wasatch

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

DLL-GR, FDC-CNL-GR-Caliper, CBL-VDL-GR-CCL

No

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|-------------|-----------------|----------------|-----------|---------------------|---------------|
| 9 5/8" | 36# | 491' | 12 1/4" | 195 sacks "RFC" | |
| 5 1/2" | 17# | 7494' | 7 7/8" | 537 sacks "Lite" | |
| | | | | 420 sacks Class "H" | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT* | SCREEN (MD) | SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|------|----------|-------------|---------------|-------------|------|----------------|-----------------|
| | | None | | | 1.9" | 5231' | |

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHED

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---------------------|----------------------------------|
| SEE ATTACHED | |

33.*

PRODUCTION

| DATE FIRST PRODUCTION | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) | | | | | WELL STATUS (Producing or shut-in) | |
|-----------------------|-----------------|--|-------------------------|----------|------------|-------------------------|------------------------------------|--|
| | | | | | | | Shut-in | |
| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD | OIL—BBL. | GAS—MCF. | WATER—BBL. | GAS-OIL RATIO | |
| 3/4/81 | 24 | | → | 0 | 0 | 0 | | |
| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE | OIL—BBL. | GAS—MCF. | WATER—BBL. | OIL GRAVITY-API (CORR.) | | |
| | | → | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

K. D. Edsall

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Administrative Supervisor

DATE October 30, 1981

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

| FORMATION | TOP | BOTTOM | DESCRIPTION, CONTENTS, ETC. | 38. GEOLOGIC MARKERS | | |
|-----------|-----|--------|-----------------------------|----------------------------------|-------------|------------------|
| | | | | NAME | MEAS. DEPTH | TRUE VERT. DEPTH |
| | | | | Green River Marlstone | 1981' | |
| | | | | Base of Green River Marlstone | 2892' | |
| | | | | Green River "A" | 3340' | |
| | | | | Green River "A-1" | 3550' | |
| | | | | Green River "B" | 3700' | |
| | | | | Green River "D" | 4908' | |
| | | | | Green River "E" | 5102' | |
| | | | | Wasatch | 5562' | |
| | | | | T.D. | 7522' | |

Form 9-330
Conoco Ignacio 2-25
October 30, 1981
Page Two

31. Perforation Record

| | <u>Depth</u> | <u># Shots</u> |
|--------|--------------|----------------|
| Zone 1 | 5639'-5646' | 8 |
| Zone 2 | 5844'-5852' | 9 |
| Zone 3 | 6074'-6085' | 10 |
| Zone 4 | 7260'-7264' | 5 |
| Zone 5 | 7392'-7398' | 7 |
| Zone 6 | 7414'-7420' | 7 |

Type Charge: 19.0 grams

32. Acid, Shot, Fracture, Cement Squeeze, etc.

| | <u>Quantity</u> | <u>Material</u> |
|--------|-----------------|---|
| Zone 1 | 400 gal. 10 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |
| Zone 2 | 450 gal. 14 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |
| Zone 3 | 500 gal. 19 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |
| Zone 4 | 300 gal. 10 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |
| Zone 5 | 400 gal. 10 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |
| Zone 6 | 400 gal. 10 | 15% HCl-MSR-100 Acid 7/8" RCN Ball Sealers |

REPORT OF WATER ENCOUNTERED DURING DRILLING
* * * * *

Location NE 1/4, NW 1/4, Sec. 2; T. 9 ~~N~~_S; R. 20 ~~E~~_W; Uintah County

From- Depth: To- Volume: Quality:
Flow Rate or Head - Fresh or Salty -

| | | |
|------------------------------|--|----------------------|
| 1. <u>Approx. 2000-3000'</u> | | <u>Trona - fresh</u> |
| 2. _____ | | |
| 3. _____ | | |
| 4. _____ | | |
| 5. _____ | | |

(Continue on Reverse Side if Necessary)

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
(c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.



Production Department
Casper Division

Conoco Inc.
907 Rancho Road
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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 6-1-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-2-81: No report.

TD 7594'. 6-3-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-4-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-5-81 thru 6-7-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-8-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-9-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-10-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-11-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-12-81 thru 6-15-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-16-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-17-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-18-80: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-19-81: SI. Waiting on hookup. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-20-81 thru 6-22-81: SI. Waiting on hookup. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-23-81: SI. Waiting on hookup. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-24-81: SI. Waiting on hookup. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-25-81: SI. Waiting on hookup. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 6-26-81: Dropped from report until hooked to sales line. 20 $\frac{1}{4}$ /3/46.



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Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-14-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-15-81 thru 5-17-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-18-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-19-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-20-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-21-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-21-81 thru 5-25-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-26-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-27-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-28-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S, R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-29-81 thru 5-31-81: No report. 20 $\frac{1}{4}$ /3/46



Alex M. Yarsa
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OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-29-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-30-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-1-81 thru 5-3-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-4-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-5-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-6-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-7-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-8-81 thru 5-10-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 5-11-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-12-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 5-13-81: No report. 20 $\frac{1}{4}$ /3/46.



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Casper, WY 82601
(307) 234-7311

OURAY BLOCK - Uintah Co., Utah

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-9-81: TP 1600# after 72 hrs. SI. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-15-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-16-81 thru 4-19-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-20-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-21-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-22-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-23-81: No report. 20 $\frac{1}{4}$ /3/46.

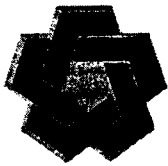
Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-3009

TD 7594'. 4-24-81 thru 4-26-81: No report. 20 $\frac{1}{4}$ /3/46.

Conoco Ignacio 2 #25 - Wasatch - 7520' - Conoco 1.0000000 - NE NW Sec. 2, T9S,
R20E - Ind. Lse. No. 1420-H62-

TD 7594'. 4-27-81: No report. 20 $\frac{1}{4}$ /3/46.

TD 7594'. 4-28-81: No report. 20 $\frac{1}{4}$ /3/46.



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 15, 1982

Conoco, Inc.
907 Rancho Road
Casper, Wyoming 82601

Re: Well No. Ignacio ET AL 2-25
Sec. 2, T. 9S, R. 20E
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office October 30, 1981, from above referred to well, indicates the following electric logs were run: DLL-GR, FDC-CNL-GR-Caliper, CBL-VDL-GR-CCL. As of today's date, this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Clerk Typist

STATE OF Wyoming
 COUNTY OF Natrona
 PARISH-

AFFIDAVIT OF OWNERSHIP OF OIL

TO Koch Industries, Inc., (hereinafter called "Gatherer").
C. H. Gaukel, of lawful age, being first duly sworn, deposes and states that he is Administrative Supervisor Conoco Inc. and agent of Continental Oil Company, a Delaware Corporation, (hereinafter called "Producer"), with offices located at Casper, in the State of Wyoming, and is duly authorized to make this affidavit, and fully cognizant of the facts herein set out, and that during the month of December, 1981, Producer sold to Gatherer a total of 47.62 () net barrels of 34.7 degree gravity recovered oil which had previously been

(X) purchased from H. S. Sowards & Sons, Inc.
 () produced from _____, _____ Pool, described as Section _____, Township _____, Range _____, Block _____, Survey (or other legal description) _____
 _____ Parish
 _____ County, State of _____ and proper well
 royalty and tax have been or will be paid thereon as production from such lease.

Such oil was transferred to and used for development and/or operating purposes on the Conoco Ignacio 2 #25 well
 lease, Batt. No. 1535100 Pool, described as Section 2, Township 9S, Range 20E, Block NE NW, Survey, (or other legal description) _____

Uintah Parish
County, State of Utah. Such oil sold to Gatherer has now been (X) recovered and is ready for pipe line acceptance.
 () recovered and returned to the first named lease and is ready for pipe line acceptance.

WHEREFORE, please take notice that such oil has been used only for development and/or operating purposes, it is not production from the last named lease, and 100% payment for the amount of oil stated should be directly to Producer without deductions for the full value of said oil so purchased and Producer will indemnify Gatherer of, from and against any and all claims which may be asserted by others as a result of such payment by Gatherer to Producer.

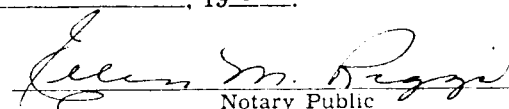
Subscribed and sworn to before me this 6th day of January, 1982.



 Signature

My Commission Expires:

ELLEN M. RIGGS - Notary Public
 County of Natrona State of Wyoming
 My Commission Expires May 8, 1985



 Notary Public

Natrona Parish Wyoming
County

GED(2), USGS-Casper, St. of Utah, Mining &



Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

January 29, 1982

United States Department of the Interior
Geological Survey
Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

Attn: E. W. Guynn
District Oil and Gas Supervisor

Gentlemen:

Conoco Ignacio 2-25
Lot 3 (NE NW) Section 2-9S-20E
Ute Allotted Lease 14-20-H62-3001
Communitization Agreement 9C-181
Uintah County, Utah
File: J0-380.2-J0

This is in reply to your letter dated January 18, 1982, concerning the recompletion of the subject well. We recognize the problems pointed out in your letter regarding spacing and Communitization Agreement 9C-181.

Your records, reflecting the completion of Well 2-25 in the Wasatch Formation on March 4, 1981, and the recompletion in the Green River Formation on October 1, 1981, are correct. We proceeded with the recompletion based on verbal approval from your office, as indicated on our Sundry Notice dated August 4, 1981. However, we confess to the oversight in not requesting approval for an exception location from both the U.S.G.S. and the State of Utah prior to commencing the work.

The recompletion to the Green River Formation was done in an attempt to test the Natural Duck "E" interval for its oil producing potential. It was our intent, and it is still our desire, to establish that production of oil from that interval can be obtained economically. If that can be proven, we will be in a position to embark on a considerable oil development program in that area. The zone is successfully produced by other operators in adjacent areas to the north and south of our acreage holdings. However, in Well 2-25, we are having considerable difficulty in maintaining continued production, due to the high pour point and viscosity characteristics of the crude acting in combination with the cold winter weather.

We hesitate to request spacing for the Green River Formation in this area, as you suggest, until we have established that commercial production can be obtained. Further, we do not yet know if spacing should be different from "normal" oil well spacing of 40 acres per well as specified by Rule C-3 of the

State of Utah Oil and Gas Conservation Act regulations. The adjacent Green River Formation oil developments are on 40-acre spacing.

Therefore, in order to clear the record, we believe that we need to obtain the approval of the State Division of Oil, Gas and Mining, as well as yours, to grant that this location is an exception to State Rule C-3 in order to allow Conoco to continue producing Well 2-25 from the Green River Formation. If, at a later date, production performance has demonstrated that spacing other than 40 acres per well is more appropriate for this formation, Conoco will appear before the State Division of Oil, Gas and Mining in public hearing to request that specific spacing be ordered. Without a specific state order for spacing, it is our understanding that there is no basis for communitization in this instance.

A copy of our letter of application to the State Division of Oil, Gas and Mining, requesting that Well 2-25 be considered an exception location to Rule C-3 for production from the Green River Formation, is attached. Your support of this application would be appreciated so that we may continue with our testing. Much is to be gained by continued testing of this formation in the 2-25 well-bore, as Conoco can not afford to drill a separate well at a legal location in order to establish the commerciality of our proposed development project.

Your concurrence with our recommendation is requested, and a letter from you to the State Division of Oil, Gas and Mining in support of Conoco's application for exception location would be appreciated.

We will make every effort to ensure that our Monthly Reports of Operations for Well 2-25 are accurate and complete in the future. Amended reports from October 1981 to date are attached for your file.

Yours very truly,



Alex M. Yarsa
Division Manager

kes

Attach.

cc: ✓ State of Utah
Division of Oil, Gas and Mining
Attn: Cleon B. Feight, Director



Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

January 29, 1982

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, Utah 84114

RECEIVED
FEB 01 1982

Attn: Cleon B. Feight, Director

**DIVISION OF
OIL, GAS & MINING**

Gentlemen:

Application for Exception Location
Conoco Ignacio Well 2-25
Green River Formation
Lot 3 (NE NW) Section 2-9S-20E
Uintah County, Utah
File: J0-414-J0

The subject well was drilled as a 320-acre spaced well pursuant to Order Nos. 173-1 and 173-2 to produce gas from the Wasatch Formation. It was proven to be non-productive from that zone, after acidizing and fracturing, and was not hooked up to a sales line.

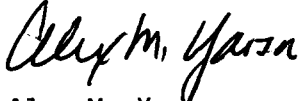
Subsequently, the well was plugged back and recompleted to the Green River Natural Duck "E" Formation, from which oil was first tested at 22 barrels of oil per day on October 25, 1981. Testing is still in progress, but results to date have been inconclusive due to problems encountered because of the high pour point and viscosity of the crude acting in combination with the cold winter weather.

Conoco overlooked the fact that this well is not a legal location for the Green River Formation, as spacing was established for only the Wasatch and Mesa Verde Formations. The U.S.G.S., in their letter of January 18, 1982, has pointed out that the well is not properly located for the Green River Formation, and they suggested that we submit a new communitization agreement to rectify the problem of the well being too close to a lease line. We have replied to the U.S.G.S., as shown by the attached copy, that it is our belief that we should instead request that Ignacio 2-25 be approved as an exception location to permit continued testing of the Green River Formation here, and hopefully to eventually produce the well to depletion.

Accordingly, we have prepared the attached application requesting administrative approval to use the Ignacio 2-25 well at an exception location to test and produce oil from the Green River Natural Duck "E" Formation.

Please review and advise us as to your decision. We have requested the U.S.G.S. to support our application.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Alex M. Yarsa".

Alex M. Yarsa
Division Manager

kes

Attach.

cc: E. W. Guynn
U.S.G.S. District Oil & Gas Supervisor

BEFORE THE BOARD OF OIL, GAS AND MINING

DEPARTMENT OF NATURAL RESOURCES

IN AND FOR THE STATE OF UTAH

In the Matter of the Application
of Conoco Inc. For an Administrative
Order Approving the Conoco-Ignacio
Well No. 2-25 as an Exception Loca-
tion in the Green River Natural Duck
"E" Formation in Lot 3 (NE NW)
Section 2, Township 9 South, Range 20
East, Uintah County, Utah

Application

Cause No. _____

Pursuant to Rule C-3 (c) of the General Rules and Regulations and Rules of Practice and Procedure (Amended to March 22, 1978) of the State of Utah, Department of Natural Resources, Division of Oil, Gas and Mining, Conoco Inc., hereinafter termed "Applicant", hereby applies to the Board of Oil, Gas and Mining for an Administrative Order authorizing the Conoco-Ignacio Well No. 2-25 as an exception location for the testing and production of oil from the Green River Natural Duck "E" Formation in Lot 3 (NE NW) Section 2, Township 9 South, Range 20 East, Uintah County, Utah because of geologic conditions. In support of this application, Applicant respectfully alleges and shows:

1. Conoco Inc. is a corporation duly organized and existing under the laws of the State of Delaware, and is authorized to do business in the State of Utah.
2. Applicant is the sole working interest owner and operator of the Allotted Indian lease comprised of Lot 3 and SW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 2, Township 9 South, Range 20 East and E $\frac{1}{2}$ SW $\frac{1}{4}$ Section 35, Township 8 South, Range 20 East, S.L.M. Uintah County, Utah. Applicant is also the sole working interest owner and operator of the adjacent leases to the east and west of the subject lease, as shown by the attached ownership map, Exhibit 1.
3. Applicant drilled the Ignacio Well No. 2-25 at the location 1257 feet from the north line and 1374 feet from the west line of Section 2, Township 9 South, Range 20 East, pursuant to Board of Oil, Gas and Mining

Order Nos. 173-1 and 173-2, as a 320-acre drilling and spacing unit well to produce gas from the Wasatch Formation. The Wasatch Formation encountered at this location proved to be non-productive, after acidizing and fracture stimulation. A bridge plug, capped with cement, was placed above the Wasatch perforations and the zone was temporarily abandoned in August 1981.

4. Applicant perforated the Green River Formation, Natural Duck "E" interval in the Ignacio 2-25 well in August 1981. After fracture stimulation, the well flowed on test and a completion report was issued showing initial production of 22 barrels of oil per day on October 25, 1981. However, Applicant still considers the well to be in a testing stage. In December 1981, the well was put on pump. Considerable difficulty has been encountered in keeping the unit pumping due to crude pour point and viscosity characteristics, lack of fuel gas and cold winter weather.
5. The U.S.G.S. has pointed out to Applicant that Ignacio 2-25 is not a legal location, being too close to a lease line (refer to Surveyor's plat of well location, Exhibit 2). Applicant inadvertently proceeded with the recompletion of the well to the Green River Formation without first obtaining approval from the Board of Oil, Gas and Mining and the U.S.G.S. to designate the Ignacio 2-25 well as an exception location for the Green River Formation.
6. Applicant is the sole working interest owner of all oil and gas leases within 660 feet of the Ignacio 2-25 location.
7. For geologic reasons, Applicant believes the Ignacio 2-25 well can be approved administratively as an exception location for production from the Green River Formation. Geologic interpretation suggests that the Green River Formation sands, of which the Natural Duck "E" interval is a part, were deposited in a lacustrine and fluvial environment. Further, it can be demonstrated that the Green River sands

in this area are lenticular, and exhibit marked changes in porosity development over relatively short distances. Thus a well drilled to the Green River Formation at a legal location in this area may or may not encounter favorable reservoir characteristics for production.

8. For the above reason, Applicant believes that it is most prudent to test the potential of the Green River sands in this area by producing the Ignacio 2-25 well, in which good sand development has been proven by log analysis. Production of the interval here is consistent with the principal of conservation of natural resources.

Therefore, Applicant requests that this application and matter be considered and approved administratively. In the event administrative approval cannot be granted, Applicant requests that proper notice be given and that this matter be put on the Board's docket for hearing.

Dated this 29th day of January, 1982.

Respectfully submitted,

Conoco Inc.

By Alex M. Yarsa
Alex M. Yarsa
Division Manager



Alex M. Yarsa
Division Manager
Production Department

Conoco Inc.
907 Rancho Road
Casper, WY 82601
(307) 234-7311

February 12, 1982

U. S. G. S.
Dept. of Natural Resources
Div. of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Gentlemen:

Production Facility Layouts/
Bench Mark Locations
27 Conoco Ouray Wells
Uintah County, Utah
File: PC-416-CF

RECEIVED
FEB 19 1982

DIVISION OF
OIL, GAS & MINING

Attached are plats detailing the production facility layouts and bench mark locations for 27 Conoco Ouray wells located in Uintah County, Utah. These plats are furnished in compliance with Supplemental Stipulation No. 11, which accompanied the approved APDs. Plats for the remaining two locations will be furnished at a later date.

Very truly yours,

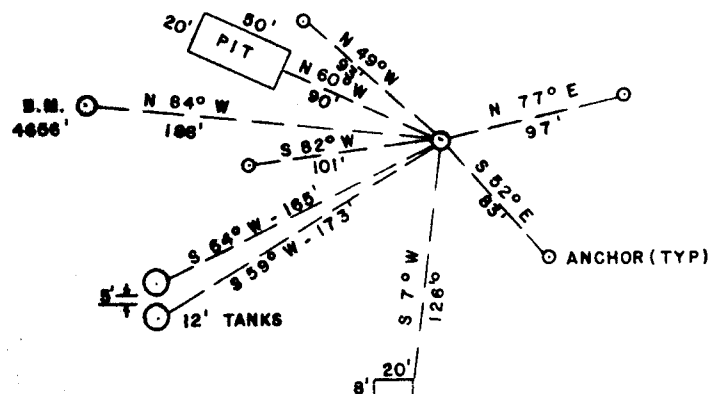
A. M. Yarsa
Division Manager

abs

att.

PROJECT
CONOCO INC.

Production Facilities Layout for
Well location, *IGNACIO 2 #25*,
located in Section 2, T9S, R20E,
S.L.B. & M. Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF

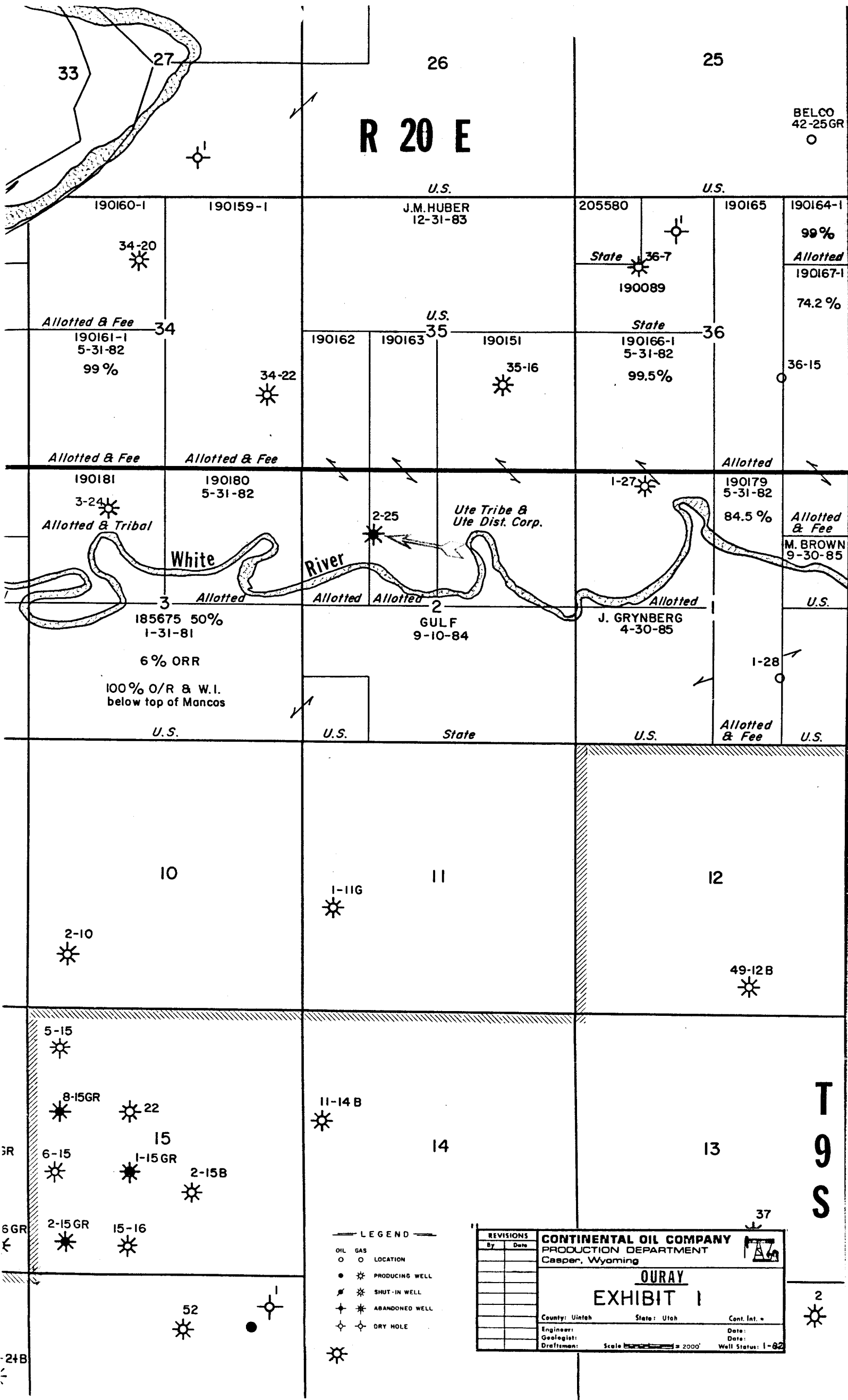
Laurence Hay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

NOTE: Compass Bearings

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

| | | | |
|---------|------------|------------|----------|
| SCALE | 1" = 100' | DATE | 1/20/82 |
| PARTY | LDT, SH JH | REFERENCES | GLO PLAT |
| WEATHER | COOL | FILE | CONOCO |

BEST COPY
AVAILABLE



R 20 E

BELCO
42-25GR
O

U.S.
J.M. HUBER
12-31-83

205580

U.S.

190165

190164-1

99%

Allotted

190167-1

74.2%

190160-1

190159-1

34-20



Allotted & Fee

190161-1

5-31-82

99%

34

U.S.

190162

190163

190151

35-16



State

190166-1

5-31-82

99.5%

36

36-15



Allotted & Fee

190181

3-24



Allotted & Tribal

Allotted & Fee

190180

5-31-82

34-22



U.S.

35

35-16



State

190166-1

5-31-82

99.5%

36

36-15



Allotted

190179

5-31-82

84.5%

Allotted & Fee

M. BROWN

9-30-85

U.S.

White

River

Ute Tribe &
Ute Dist. Corp.

2-25



1-27



185675 50%

1-31-81

6% ORR

100% O/R & W.I.
below top of Mancos

U.S.

U.S.

State

U.S.

Allotted & Fee

U.S.

10

11

12

1-11G



2-10



49-12B



5-15



8-15GR



22



15

1-15GR



2-15B



6-15



2-15GR



15-16



11-14B



14

13

37



T
9
S



LEGEND

- OIL GAS
- O O LOCATION
- PRODUCING WELL
- * SHUT-IN WELL
- + ABANDONED WELL
- ◇ DRY HOLE

| REVISIONS | |
|-----------|------|
| By | Date |
| | |
| | |
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| | |
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| | |

| | | |
|---|-------------|-------------------|
| CONTINENTAL OIL COMPANY PRODUCTION DEPARTMENT Casper, Wyoming | | |
| OURAY EXHIBIT 1 | | |
| County: Uintah | State: Utah | Cont. Int. = |
| Engineer: | Date: | Well Status: 1-82 |
| Geologist: | Date: | |
| Draftsman: | Date: | |
| Scale: 1" = 2000' | | |

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐
2. NAME OF OPERATOR
Conoco Inc.
3. ADDRESS OF OPERATOR
907 Rancho Road, Casper, Wyoming 82601
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1257' FNL, 1374' FWL (NE/NW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

SUBSEQUENT REPORT:

☐
☐
☐
☐
☐
☐
☐
☐
☐
☐

(other) Well Recompletion Report Corrections (Form 9-330) and Facility Diagram Layout

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Sections 33 and 34 of the Well Recompletion Report for the subject well were erroneously reported. The information originally submitted was based on intermittent production, not production at a sustained rate. The following information pertaining to the subject sections are correct:

33. Production

Date First Production: 10/01/81
Well Status: Producing
Hours Tested: 24
Production: 7 BOPD, 2 MCFPD
Casing Pressure: 200#

Production Method: Pumping
Date of Test: 2/1/82
Choke Size: N/A
Flow. Tubing Pressure: N/A
Oil Gravity-API: 36.6°

34. Disposition of Gas: Vented

Diagram of the subject well's Facility Layout is attached.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

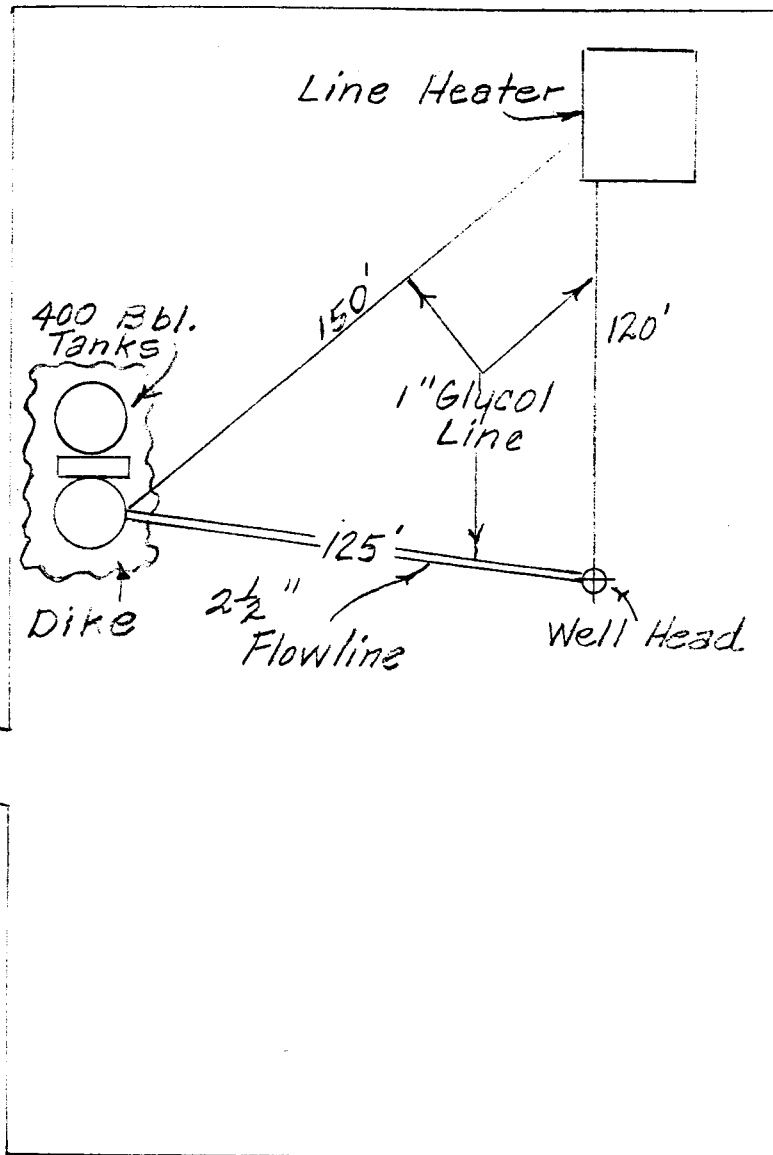
18. I hereby certify that the foregoing is true and correct

SIGNED J. E. Thompson TITLE Admin. Supervisor DATE March 25, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

USGS(3) UOGCC(2) File 2540 PHH



OURAY
 PRODUCTION FACILITY
 CONOCO-IGNACIO 2 N^o 25

SCALE: 1"=50'

DATE: 3-23-82

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
907 Rancho Road, Casper, WY 82601

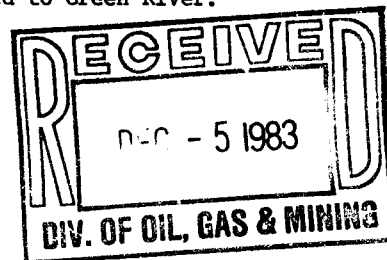
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1257' FNL, 1374' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

| REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: |
|-------------------------------|--------------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | <input type="checkbox"/> |
| (other) Temporarily Abandoned | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Uneconomical production from Wasatch; the well has been recomplected to Green River.



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Jane D. Brannen TITLE Adm. Supervisor DATE 11/15/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
1420-H62-3001

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
AL-3001

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco-Ignacio et al 2

9. WELL NO.

25

10. FIELD AND POOL, OR WILDCAT

Natural Buttes-Green Riv

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 2, T9S, R20E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1. OIL WELL ☒ GAS WELL ☐ OTHER

2. NAME OF OPERATOR

Conoco Inc.

3. ADDRESS OF OPERATOR

907 N. Poplar Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)
At surface

1,257' FNL, 1,374' FWL, Lot 3 (NE/4) DIVISION OF
OIL, GAS & MINING

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,655' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

| |
|---|
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| |
| X |
| |
| |

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

| |
|--|
| |
| |
| |
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| |

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Conoco Ignacio et al 2 No. 25 is currently a shut-in oil producer in the Green River formation. Total depth is 7,594'. The casing is set as follows:

Surface - 9 5/8" @ 491' w/195 sacks cement
Production - 5 1/2" @ 7,594' w/928 sacks cement

A cast iron bridge plug is set at 5,550' with 2 sacks of cement. The production casing is perforated from 5,154'-5,164' and 5,198'-5,214' w/4 JSPF.

It is proposed to plug and abandon the subject well as outlined on the attached procedure.

An additional cement plug may be necessary between cement plug @ 5130' and surface plug. BLM requirements will apply to this acceptance by DOGM.

18. I hereby certify that the foregoing is true and correct

SIGNED

J. C. Thompson

TITLE

Administrative Supervisor

DATE

May 22, 1986

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

BLM-Vernal(3)

UOGCC(2)

Well File (SJM)

TITLE

Federal approval of this action
is required before commencing
operations.

*See Instructions on Reverse Side

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE:

6-2-86

BY:

John R. Bayne

IGNACIO 2 NO. 25 - P & A PROCEDURE

1. PU retainer, RIH to 5,130' and set retainer.
2. Pump 25 sx Class "G" cement and displace to retainer with 1 bbl. water spacer followed by 9.0 ppg brine.
3. Unsting from retainer and load casing with 9.0 ppg mud to 60'. POOH.
4. PU packer. Set packer at 30' and pressure test casing and retainer 500 psi for 15 min.
5. If pressure test fails, isolate leak with packer and squeeze. If pressure test is OK, L.D. packer.
6. RIH open ended to 90'. Spot 10 sx surface plug and POOH.
7. Bull head 15 sx cement into surface/production casing annulus through 2" nipple tapped and welded into surface casing.

Note: If access to annulus cannot be attained through tap and weld nipple, cut off both casing strings 6' below ground level and spot plug through 60' of 1" tubing.
8. Cut both casing strings off 6' below ground level and weld on plate.
9. Install regulation dry hole marker and reclaim location.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)

101524

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
1420-H62-3001
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
AL-3001

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
Conoco Inc.

3. ADDRESS OF OPERATOR
907 N. Poplar Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface
1,257' FNL, 1,374' FWL Lot 3 (NE/NW)

DIVISION OF
OIL, GAS & MINING

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Conoco Ignacio et al 2

9. WELL NO.

25

10. FIELD AND POOL, OR WILDCAT

Natural Buttes - Green River

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 2, T9S, R20E

14. PERMIT NO.

43-047-30750

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4,655' GR

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The subject well was plugged and abandoned on August 7, 1986 as follows:

- Pulled production equipment.
- Set cement retainer at 5,078'.
- Mixed and pumped 25 sacks Class "H" cement.
- Pressure tested casing to 500 psi.
- Loaded casing with 9 ppg mud.
- Spotted 20 sack Class "H" cement plug at 2,100'.
- Spotted 30 sacks Class "H" cement in production casing at surface.
- Pumped 125 sacks cement down surface-production casing annulus.
- Pressure tested annulus to 500 psi.
- Installed dry hole marker.
- Reclaimed location.

Reseeding should be completed by October 31, 1986, weather permitting.

BLM-Vernal(3) UOGCC(2) Well File (SJM)

18. I hereby certify that the foregoing is true and correct

SIGNED

J. C. Thompson

TITLE Administrative Supervisor

DATE 10-2-86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

*See Instructions on Reverse Side

DATE: 10-14-86

BY: *John R. B...*